

Converting Colors

XYZ(59.3294, 74.2925,
105.8206)

Have a look what the booklet for
XYZ(59.3294, 74.2925, 105.8206)
contains.

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Color

**XYZ(59.3977, 74.3563,
105.8293)**

Conversions

Conversions Part 1

Format	Color
Hex	8AEFFF
RGB	138, 239, 255
RGB Percent	54%, 94%, 100%
CMY	0.4588, 0.0627, 0.0000
CMYK	0.46, 0.06, 0.00, 0.00
HSL	188°, 100%, 77%
HSV	188°, 46%, 100%
XYZ	59.3977, 74.3563, 105.8293
YIQ	210.6250, -65.3320, -16.4360

Conversions

Conversions Part 2

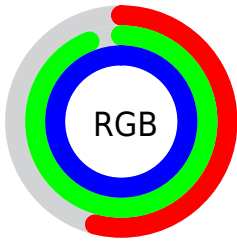
Format	Color
R_{YB}	138, 192, 255
Decimal	9105407
CIE _{Lab}	89.09, -25.50, -16.92
CIE _{LCh}	89, 30.603, 213.570
Yxy	74.3563, 0.2479, 0.3104
Android (android.graphics.Color)	4287295487 (0xFF8AEFFF)
YUV	210.6250, 21.8769, -63.6921
Hunter-Lab	86.2301, -27.9469, -12.4049

Details

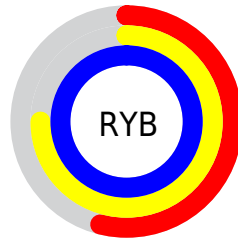
The XYZ color **59.3977, 74.3563, 105.8293** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.3836, 46.2066, 29.9410**, and the grayscale version is **61.5627, 64.7687, 70.5331**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **30.2684, 39.5639, 59.4674** is the 20% darker color. If you saturate the color by 10%, you get **54.6533, 70.4114, 105.3180**, and if you desaturate by 10%, it is **65.1562, 78.8566, 106.3945**.

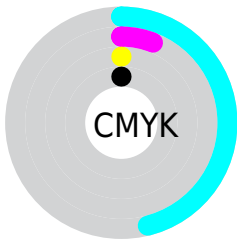
Distribution



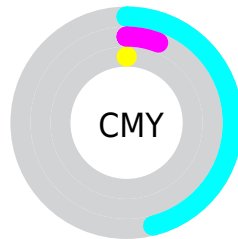
- Red (54%)
- Green (94%)
- Blue (100%)



- Red (54%)
- Yellow (75%)
- Blue (100%)



- Cyan (46%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3977, 74.3563, 105.8293 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.3977, 74.3563, 105.8293 by changing the saturation by 10% instead.

59.3977, 74.3563,
105.8293

59.3977, 74.3563,
105.8293

412.2445,
475.7022, 600.1302

43.1810, 55.0857,
80.5338

103.0668,
125.4008, 171.2667

30.2223, 39.4703,
59.6289

131.2498,
157.9434, 212.2456

20.1563, 27.1258,
42.6963

164.1524,
195.6789, 259.2893

12.6176, 17.6677,
29.3172

202.1397,
238.9915, 312.8165

7.2409, 10.7117,
19.0733

245.5772,
288.2658, 373.2457

3.6609, 5.8733,
11.5459

294.8303,

1.5121, 2.7682,

343.8861, 440.9953

6.3165

350.2643,
406.2367, 516.4840

■ 0.3341, 1.0120,
2.9666

■ 0.0000, 0.0000,
1.0776

■ 59.3977, 74.3563,
105.8293

■ 59.3977, 74.3563,
105.8293

■ 54.6533, 70.4114,
105.3180

■ 65.1562, 78.8566,
106.3945

■ 50.8463, 66.9772,
104.8558

■ 71.9862, 83.9370,
107.0151

■ 47.8992, 64.0152,
104.4394

■ 79.9483, 89.6304,
107.6944

■ 45.7187, 61.4771,
104.0644

■ 89.0963, 95.9650,
108.4350

■ 44.1892, 59.3032, 95.0500, 100.0000,
103.7254 108.9000

■ 43.6788, 58.4776,
103.5929

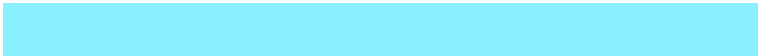
Harmonies

Analogous

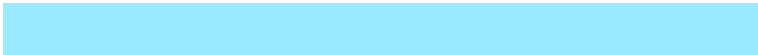
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.3195, 74.3563, 83.5424



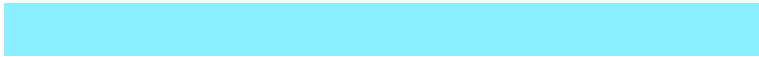
59.3977, 74.3563, 105.8293



64.4875, 74.3563, 123.5324

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.3977, 74.3563, 105.8293



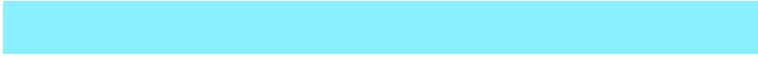
84.2918, 74.3563, 100.6282



69.7854, 74.3563, 46.5322

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.3977, 74.3563, 105.8293



57.3836, 46.2066, 29.9410

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2429, 74.3563, 49.5023



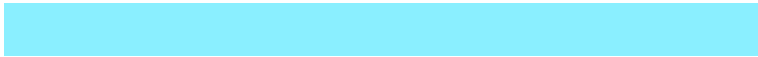
59.3977, 74.3563, 105.8293



85.9553, 74.3563, 78.4341

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.3977, 74.3563, 105.8293



78.8934, 74.3563, 120.1781



83.2928, 74.3563, 60.3304



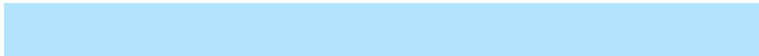
63.0452, 74.3563, 51.3651

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3977, 74.3563, 105.8293



69.0813, 74.3563, 128.9507



83.2928, 74.3563, 60.3304



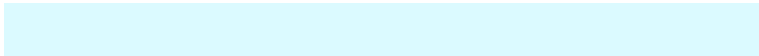
72.2898, 74.3563, 46.6557

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.3997, 74.3591, 105.8298



81.5764, 90.7718, 107.8289



52.0419, 79.2436, 42.9520



17.0616, 19.1490, 23.0468



0.0000, 0.0000, 0.0000



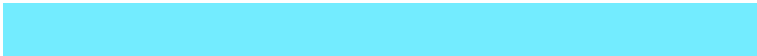
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.3997, 74.3591, 105.8298



55.0324, 70.7378, 105.3610



45.0362, 45.6321, 101.0419



18.3306, 20.0329, 23.1506



22.9050, 30.7196, 54.1568



2.2861, 3.1029, 5.2917

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65.9098, 45.6706, 87.0060



62.4571, 39.5105, 83.5577



69.3967, 70.2330, 33.9454



18.6795, 18.2551, 22.1956



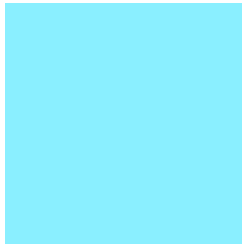
28.3496, 13.8291, 36.8209



2.7885, 1.3578, 3.7338

Previews

White Background



This preview shows how the XYZ color 59.3977, 74.3563, 105.8293 looks on a white background.

Color Contrast Check

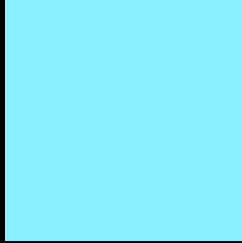
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.3977, 74.3563, 105.8293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3977, 74.3563, 105.8293

Background



This preview shows how black text looks on a background with the XYZ color 59.3977, 74.3563, 105.8293.

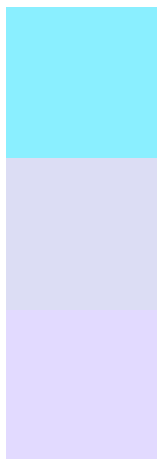


This preview shows how white text looks on a background with the XYZ color 59.3977, 74.3563,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.3977, 74.3563, 105.8293

Protanopia

71.7008, 73.4602, 95.9882

Deuteranopia

74.4854, 73.5316, 104.8749



Tritanopia

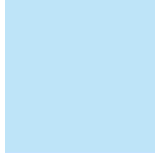
60.5469, 74.0843, 105.7163

Trichromacy



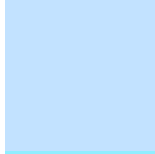
Original Color

59.3977, 74.3563, 105.8293



Protanomaly

65.9219, 73.2113, 99.4637



Deuteranomaly

67.4945, 73.0820, 105.1566



Tritanomaly

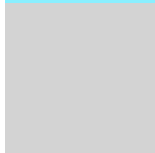
60.1261, 74.2984, 105.7798

Monochromacy



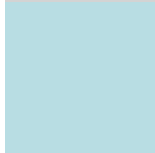
Original Color

59.3977, 74.3563, 105.8293



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.4887, 67.4493, 82.5567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3977, 74.3563, 105.8293 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 239, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.3977, 74.3563, 105.8293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 239, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 239, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(138, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3977, 74.3563, 105.8293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 239, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138,  
239, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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